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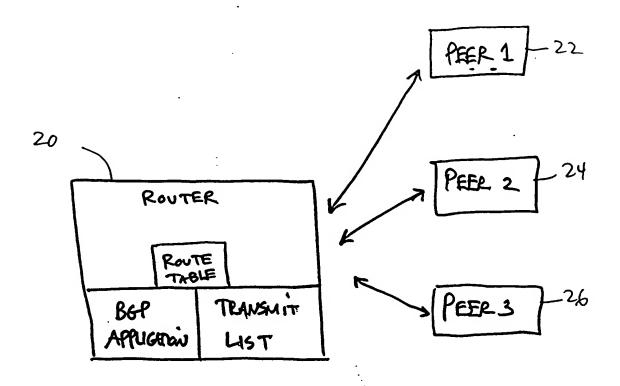
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fix 1

2/17

		FLEMENTS 30			
	•	ELEVENTI,	I2	I3	I4
PEEPS (	PEELI	l,	0	0	1
	PEER 2	0	1	. 0	1
	PEER 3	1	0	0	1
			•	,	, , , , ,

1= UPDATE NÉEDED TO PEER 0= NO UPDATE NÉEDED

Fig. 2

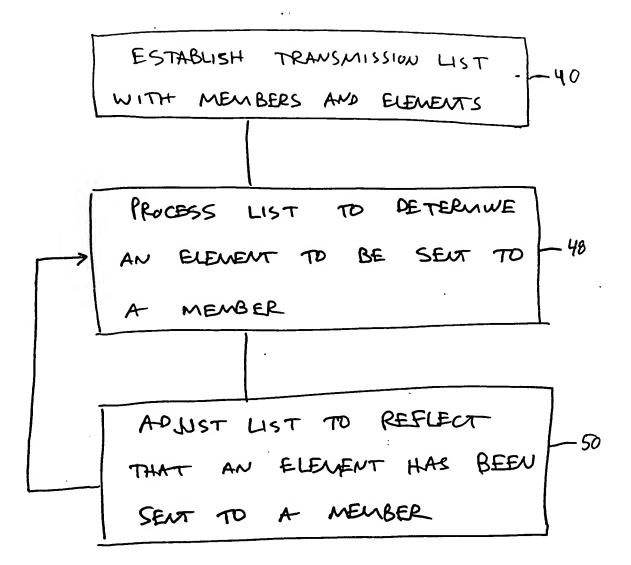


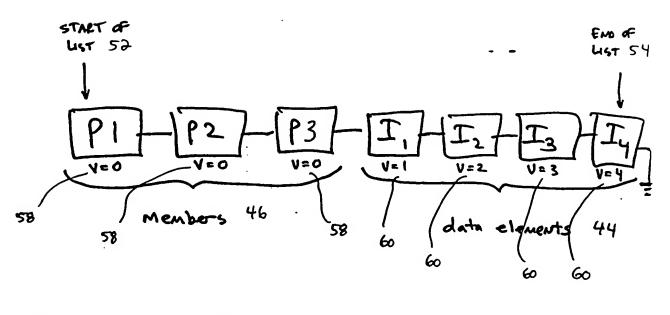
FIG. 3

M Nod f r Tracking Transmission Status f Day Entities

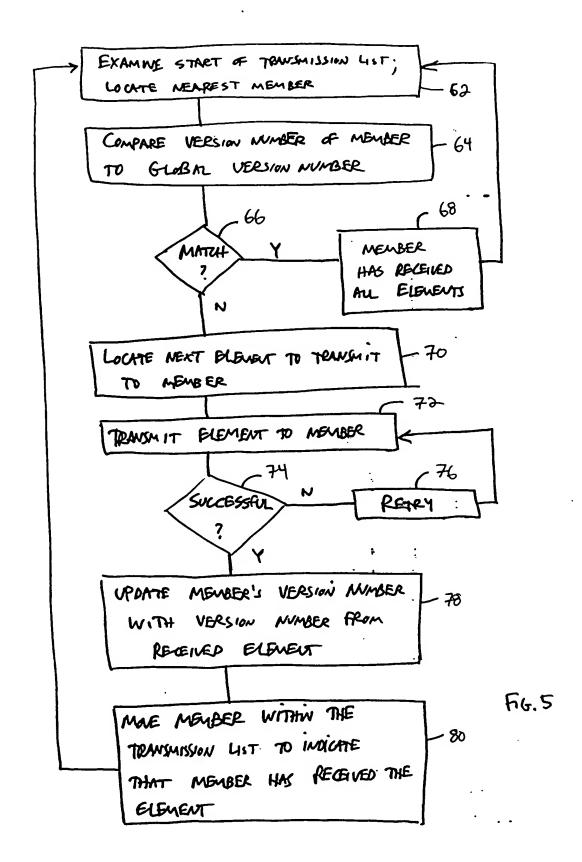
Such Peers in a Network, filed 04/01/03, Atty. Dk No. 11714.00,

Cust mer N . 20686, 303-629-3400

56 4/17 GLOBAL VERSION NUMBER = 4



F.G. 4



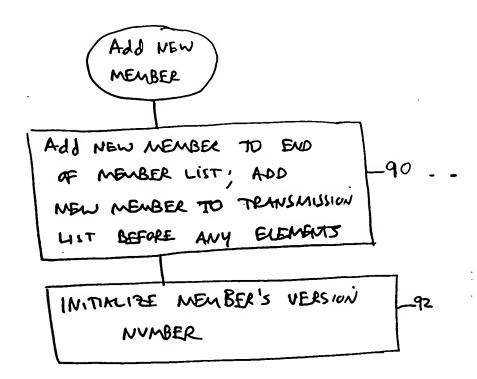
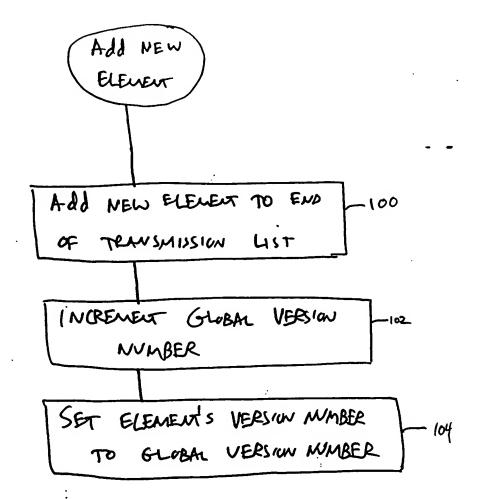


Fig. 6



F16. 7

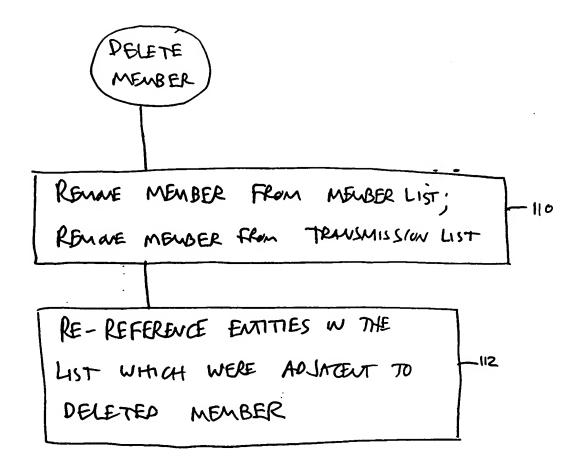
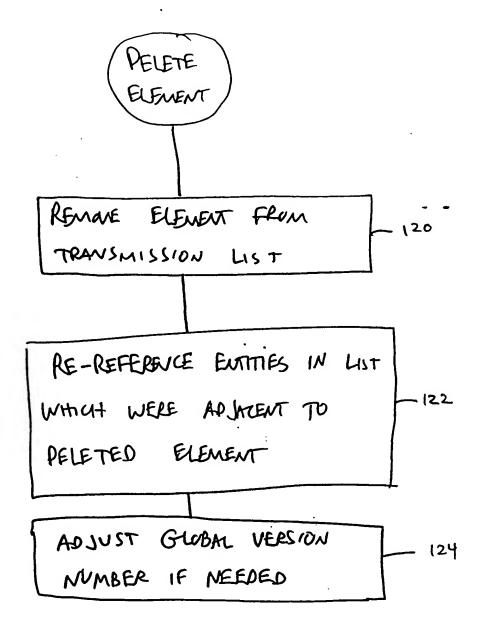
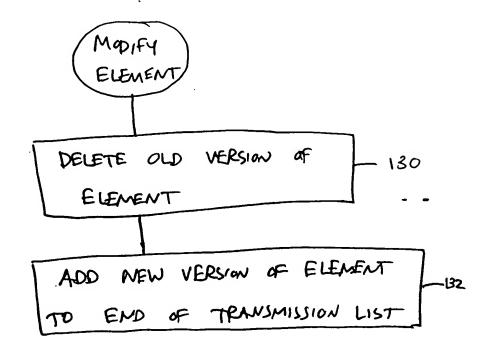


FIG. 8



M hod for Tracking Transmission Status of D2 to Entities
Sucl. Peers in a Network, filed 04/01/03, Atty. Dk .1 .11714.00,
Cust mer No. 20686, 303-629-3400



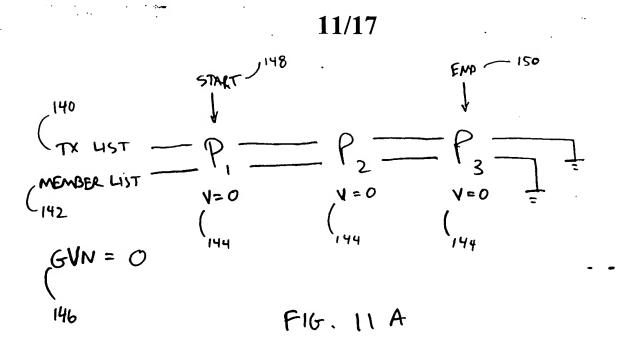
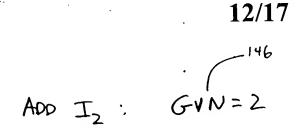


FIG. 11 B

Mothod for Tracking Transmission Status of Date to Entities
Such Peers in a Network, filed 04/01/03, Atty. Dk. do. 11714.00.

Customer No. 20686, 303-629-3400



START

$$V=0$$
 $V=0$ 
 $V=0$ 

FIG. 11C

Fig. 11 D

N' hod for Tracking Transmission Status of D to Entities
Suc. Peers in a Network, filed 04/01/03, Atty. Dk... No. 11714.00,
Customer No. 20686, 303-629-3400

TXLIST 
$$P_2$$
  $P_3$   $T_1$   $P_2$   $T_2$   $T_3$   $V=0$   $V=0$   $V=1$   $V=2$   $V=3$   $V=2$   $V=3$ 

F16. 11 E

TRANSMIT 
$$(P_2, I_1)$$
 [UNSUCCESSFUL]  
G-VN = 3

TXLIST 
$$P_2$$
  $P_3$   $T_1$   $P_2$   $T_2$   $T_3$  MEMBER  $V=0$   $V=0$   $V=1$   $V=1$   $V=2$   $V=3$   $V=1$   $V=2$   $V=3$ 

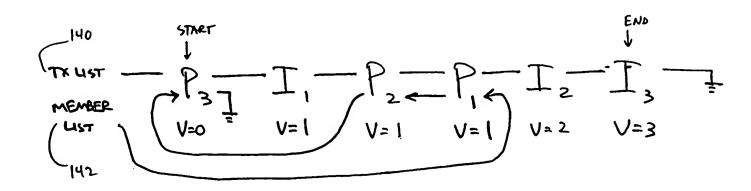


FIG. 11 G

TRANSMIT 
$$(P_3, T_1)$$
 [SUCCESSFUL]

GVN = 3

TX LIST  $T_1$   $P_3$   $P_2$   $T_2$   $T_3$ 

MENDER
LIST  $V=1$   $V=1$   $V=1$   $V=2$   $V=3$ 

152

144 FIG. 11 H

TRANSMIT 
$$(P_3, I_2)$$
 [SUCESSFUL]

GVN = 3

(TX List —  $I_1 - P_2 - P_1 - I_2 - P_3 - I_3$ 

V=1 V=1 V=2 V=2 V=3 ...

FIG. 11  $I$ 

TRANSMIT 
$$(P_2, I_2)$$
 [SUCESSFUL]

GVN=3

STAT

TX UST  $I = P_1 - I_2 - P_2 - P_3 - I_3$ 

V=1 V=1 V=2 V=2 V=2 V=3

152 FIG. 11  $I = I_1 + I_2 + I_3 + I_4 + I_5 +$ 

TRANSMIT 
$$(P_1, I_2)$$
 [successful]

TX LIST  $I_1 - I_2 - P_1 - P_2 - P_3 - I_3$ 

V=1 V=2 V=2 V=2 V=3

FIG. 11 K

Mathod for Tracking Transmission Status f Dat t Entities Sucl Peers in a Network, filed 04/01/03, Atty. D. do. 11714.00, Customer No. 20686, 303-629-3400

TRANSMIT 
$$(P_1, T_3)$$
 [SUCCESSFUL]

GVN=3

STALT

 $TX LIST - T_1 - T_2 - P_2 - P_3 - T_3 - P_1$ 
 $V=1$ 
 $V=2$ 
 $V=2$ 
 $V=2$ 
 $V=3$ 
 $V$ 

Method for Tracking Transmission Status f Deen to Entities
Suc Peers in a Network, filed 04/01/03, Atty. D. No. 11714.00,
Customer N. 20686, 303-629-3400

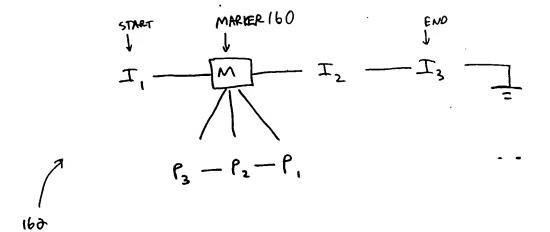


Fig. 12 A

